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# MEDUSA

## Waterproofing Paste



*To meet a growing demand and preference  
among architects and cement users, for a  
waterproofing which can be dissolved in the  
water to be used in mixing mortar or concrete,  
we have perfected the*

**Medusa Waterproofing  
in Paste Form**

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## Waterproofing Paste

is identical with the powder in resulting composition and waterproofing effect. The sole difference between the two is the greater ease and convenience of mixing which the paste form offers. In consequence of this, perfect waterproofing effect is as positively obtained with the paste as with the powder.

### Medusa Waterproofing Patents

Medusa Waterproofing is manufactured for this Company by the Medusa Concrete Waterproofing Company, assignee and owner of the following patents:

Newberry, No. 851247, April 23, 1907.  
Barrett, No. 898547, September 15, 1908.  
Liebold, No. 771080, September 27, 1904.  
Liebold, Reissue No. 12470, April 3, 1906.  
Liebold, No. 847015, March 12, 1907.

By the decrees of the U. S. District Court, Northern District of Illinois, February 13, 1914, of the U. S. Circuit Court of Appeals for the Seventh Circuit, January 4, 1915, and of the U. S. District Court, Northern District of Illinois, Eastern Division June 28, 1920, the Newberry patent was fully sustained and the product of a well known maker of waterproofing declared an infringement. The

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decree of the Court of Appeals gives so broad an interpretation of the claims of the patent that *all waterproofing materials for concrete of a water-repellant nature, unless made under legal license, will probably be adjudged to be infringements.* Suits against several makers of waterproofing compounds are pending. A copy of the above decree will be sent on application.

## Package

Medusa Waterproofing Paste is shipped in square cans, with large friction seal, of 1 gallon (8 lbs.) and 5 gallons (40 lbs.) each. These are packed for shipment in substantial crates of 6 one-gallon or 2 five-gallon cans each.

## Price

The price of Medusa Waterproofing Paste is substantially the same as that of the powder. It contains, also, the same percentage of combined fatty acids and is therefore equal to the powder in waterproofing effect. Prices, delivered at any freight or express station in the United States, quoted on application.

## Directions for Use

Medusa Waterproofing Paste is to be dissolved in the water with which concrete or mortar is to be mixed. To obtain easy solution, use slightly warm water. Hard water tends to precipitate the paste in a curdy form; however, the addition of a slightly increased quantity of the paste will overcome this trouble. Cold water, below 60 degrees F., also dissolves the paste with some difficulty.

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To save time and labor in dissolving, empty the paste from the can into a pail or tub, add an equal volume of water, and stir thoroughly until a smooth cream is formed; then add this mixture to the balance of the water to be used.

A barrel of Portland cement requires about 20 gallons of water to make 1:2 mortar or 1:2:4 concrete. For best waterproof qualities, 1 gallon of Waterproofing Paste, or 8 lbs., should be used to each barrel of cement. One gallon of paste is therefore to be dissolved in approximately 20 gallons of water, this volume of water to be varied as found necessary to give a soft plastic concrete which may easily be made to flow into all parts of the forms by slight spading, without ramming.

A cubic yard of concrete, 1:2:4, requires  $1\frac{1}{2}$  barrels of cement, and will therefore need approximately 30 gallons of water and  $1\frac{1}{2}$  gallons or 12 lbs. of waterproofing paste, for best results. This corresponds to 2 per cent. of the weight of cement used, which is always recommended. It is, however, understood that when extreme resistance to water is not essential, or in the case of large masses of solid concrete, the amount of waterproofing paste may be reduced to  $1\frac{1}{2}$  per cent., or even to 1 per cent. of the weight of cement used.

For Sale by  
**THE SANDUSKY CEMENT CO.**  
Cleveland, Ohio



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